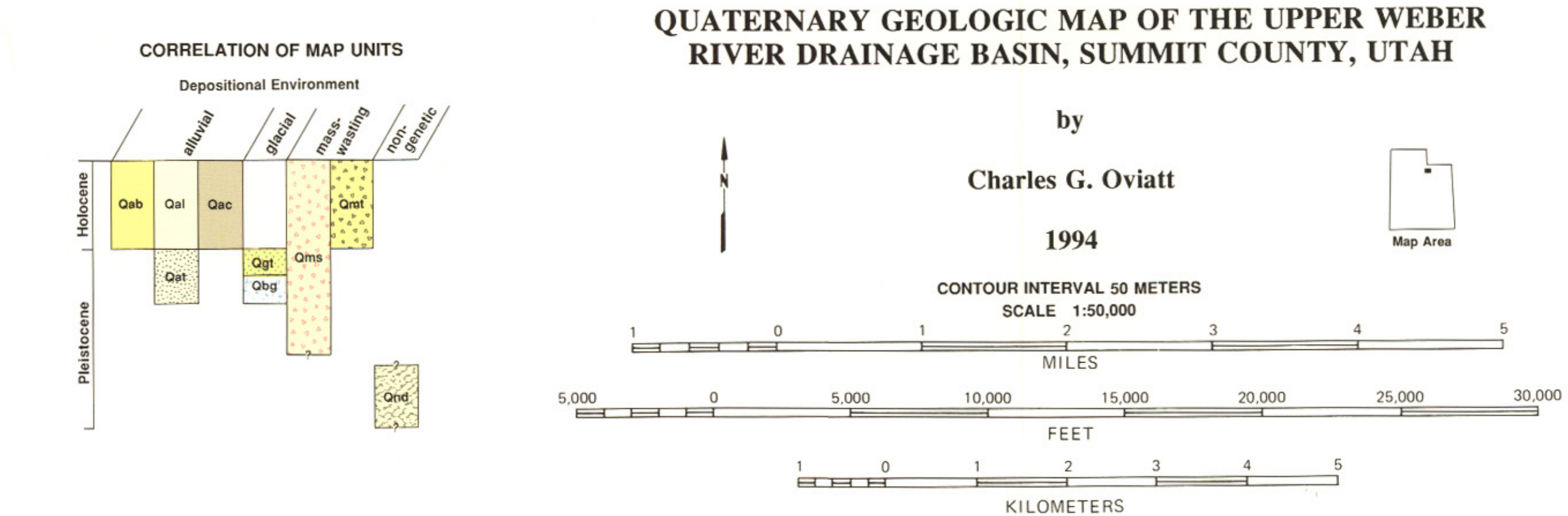


Base map from U. S. Geological Survey
Salt Lake City and Kings Peak 30 x 60
minute series, 1980, 1982

Lori J. Douglas, Cartographer



- DESCRIPTION OF MAP UNITS**
- Qal Alluvium (Holocene) - Coarse to fine-grained alluvium along floodplains and channels of major streams. Maximum thickness probably less than 60 feet (20 m).
 - Qac Alluvium and colluvium (Holocene) - Coarse to fine-grained alluvium and colluvium of lower order streams and hillslopes. Maximum thickness probably less than 60 feet (20 m).
 - Qab Bog deposits (Holocene) - Fine-grained alluvium and peat in bogs filling shallow depressions at higher elevations in glaciated valleys. Maximum thickness probably less than 60 feet (20 m).
 - Qat Talus deposits (Holocene) - Deposits of angular boulders on steep slopes below cliffs, especially in glaciated valleys; includes thickened talus in protalus ramparts and avalanche boulder tongues. Maximum thickness unknown.
 - Qal Terrace alluvium (late Pleistocene) - Coarse-grained outwash alluvium forming terraces along the Weber River Valley downstream from terminal moraines. Maximum thickness probably less than 160 feet (50 m).
 - Qgt Glacial till (late Pleistocene) - Poorly sorted bouldery till that forms lateral, terminal, and recessional moraines; most likely of Pinedale (late Wisconsinan) age. Maximum thickness probably less than 240 feet (75 m).
 - Qbg Glacial till (late Pleistocene) - Thin, discontinuous glacial till overlying bedrock; poorly sorted bouldery till; includes areas of erratics and striated bedrock. Maximum thickness unknown.

- Qms Landslide deposits (Holocene and Pleistocene) - Deposits of large landslides, slumps, debris slides, and rock slides; many are post-glacial, but some large slides existed prior to glaciation. Maximum thickness unknown.
- Qnd Diamicton (Pleistocene ?) - Deposits of rounded boulders in a fine-grained matrix; depositional environment unknown (probably glacial or fluvial). Maximum thickness probably less than 100 feet (30 m).
- b Precambrian, Paleozoic, Mesozoic, and Tertiary Rocks - Bedrock (see Bryant, 1990).

- SYMBOLS**
- Contact
 - Landslide head scarp
 - Direction of ice flow as indicated by crescentic fractures or lunette gouges in bedrock.
 - Ridge crest of moraine (in glacial till) or protalus rampart (in talus)
 - Bear Trap north
 - Informal names of glaciers discussed in text